

RECEIVED  
CENTRAL FAX CENTER

SEP 11 2007

Appl. No. 10/716,885  
Reply to Office Action of May 30, 2007Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8 (Canceled).

9. (Currently amended) A method of manufacturing a display apparatus including an optical element having an optical material layer between a first electrode and a second electrode which are formed on [[a]] one side of a substrate, comprising:

a preparing step of preparing a plate which has a wettability changeable layer;

a transforming step of irradiating a light to a part of the wettability changeable layer so as to transform the wettability of the wettability changeable layer;

a coating step of coating the plate with an optical material containing liquid so that a droplet of the optical material containing liquid sticks in accordance with a pattern based on a difference in wettability of the wettability changed layer;

Appl. No. 10/716,885  
Reply to Office Action of May 30, 2007

an aligning step of making the substrate oppose ~~[[a]]~~ the plate ~~which has a wettability changeable layer and to which a droplet of an optical material containing liquid sticks in accordance with a pattern based on a difference in wettability,~~ and of aligning the substrate and the plate; and

a transfer step of bringing the droplet into contact with the substrate to transfer the droplet to the substrate side, thereby forming the optical material layer.

10. (Original). A method according to claim 9, wherein the transfer step is a step of transferring the droplet onto the first electrode.

11. (Original). A method according to claim 9, wherein the first electrode comprises a plurality of first electrode sections,

the substrate comprises a wettability changeable layer having a lyophilic portion formed on each first electrode section and a liquid repellent portion formed on a portion between the plurality of first electrode sections, and

the transfer step is transferring the droplet onto the lyophilic

Appl. No. 10/716,885  
Reply to Office Action of May 30, 2007

portion.

**12. (Original).** A method according to claim 9, wherein the optical material layer contains a charge transport layer material and a light-emitting layer material, and the transfer step is transferring at least one of a droplet of an optical material containing liquid containing the charge transport layer material and a droplet of an optical material containing liquid containing the light-emitting layer material.

**13. (Canceled).**

**14. (Original).** A method according to claim 9, wherein the plate includes a first plate to which a first droplet of an optical material containing liquid containing a first light-emitting layer material that emits light of a first color sticks in a predetermined pattern, and a second plate to which a second droplet of an optical material containing liquid containing a second light-emitting layer material that emits light of a color different from the

Appl. No. 10/716,885  
Reply to Office Action of May 30, 2007

first color sticks in a pattern different from that of the first droplet, and

the transfer step includes a step of transferring the first droplet to the substrate side by using the first plate and then transferring the second droplet to the substrate side by using the second plate.

15. (Canceled).

16. (Original). A method according to claim 9, wherein the wettability changeable layer has a compound in which a fluoroalkyl group is bonded to a main chain made of silicon and oxygen.

17. (Original). A method according to claim 9, wherein the wettability changeable layer has a condensate obtained by hydrolyzing and condensing a silazane compound having a fluoroalkyl group.

18. (Original). A method according to claim 9, wherein the wettability changeable layer has a photocatalyst.

Appl. No. 10/716,885  
Reply to Office Action of May 30, 2007

19. (Original). A method according to claim 9, wherein one of the first and second electrodes is formed on the substrate for each sub pixel, and a partition that surrounds one of the electrodes is formed on the substrate, and

in the transfer step, a droplet of an optical material containing liquid is transferred to a region surrounded by the partition.

20. (Canceled).

21. (New) A method of manufacturing a display apparatus including an optical element having an optical material layer between a first electrode and a second electrode which are formed on one side of a substrate, comprising:

a preparing step of preparing a plate which has a wettability changeable layer having a compound including a fluoroalkyl group;

a transforming step of irradiating a light to a part of the wettability changeable layer so as to transform the wettability of the wettability changeable layer;

a coating step of coating the plate with an optical material containing liquid so that a droplet of the optical material containing

Appl. No. 10/716,885  
Reply to Office Action of May 30, 2007

liquid sticks in accordance with a pattern based on a difference in wettability of the wettability changed layer,

an aligning step of making the substrate oppose the plate, and of aligning the substrate and the plate; and

a transfer step of bringing the droplet into contact with the substrate to transfer the droplet to the substrate side, thereby forming the optical material layer.

**22. (New)** A method of manufacturing a display apparatus including an optical element having an optical material layer between a first electrode and a second electrode which are formed on one side of a substrate, comprising:

a preparing step of preparing a plate which has a wettability changeable layer including a photocatalyst;

a transforming step of irradiating a light to a part of the wettability changeable layer so as to transform the wettability of the wettability changeable layer;

a coating step of coating the plate with an optical material containing liquid so that a droplet of the optical material containing liquid sticks in accordance with a pattern based on a difference in wettability of the wettability changed layer;

Appl. No. 10/716,885  
Reply to Office Action of May 30, 2007

an aligning step of making the substrate oppose the plate, and of aligning the substrate and the plate; and

a transfer step of bringing the droplet into contact with the substrate to transfer the droplet to the substrate side, thereby forming the optical material layer.